MODEL ROUTE							
School:	School of Engineering Technology & Applied Sciences - AMAT	**Program Number:**		3832			
Program Title:	Electrical Engineering Technician Fast Track	**Credential:**		☐ Certificate ☑ Diploma ☐ Degree	☐ Graduate Certificate ☐ Advanced Diploma		
Delivery Mode:	☑ Non Co-Op ☐ Co-Op ☑ Fast Track	**Duration:**		☑ 2 Semesters ☐ 4 Semesters ☐ 8 Semesters	☐ 3 Semesters ☐ 6 Semesters ☐ 9 Semesters		
Intake:	**Fall 2022 & Winter 2023**						
Course Code	**Course Title**	**Co/Pre-Requisite (Course Code)**	**Lab Hours**	**Lecture Hours**	**Total Weekly Hours**	**Weeks (14)**	**Total Hours**
Semester 3	**Fall 2022 & Winter 2023**						
EET-118	Drawing Interpretation 1 & 2		0	5	5	14	70
EET-119	Installation Methods 1 & 2		5	0	5	14	70
EET-120	Canadian Electrical Code 1 & 2		0	4	4	14	56
EET-215	Introduction to Programmable Logic Controllers		3	0	3	14	42
EET-217 ♦	Electrical Theory 3		0	3	3	14	42
GNED-500 ♦	Global Citizenship: From Social Analysis to Social Action		0	3	3	14	42
COMM-160/161	College Communications 1		0	3	3	14	42
						Total	364
Semester 4	**Winter 2023 & Summer 2023**						
EET-124 ♦	AutoCAD		2	0	2	14	28
EET-216 ♦	Drawing and Installation Methods 3	P: EET-118, EET-119	2	2	4	14	56
EET-223 ♦	Electronics 3		2	2	4	14	56
EET-225	Capstone Project	P: EET-217 , EET-215	C= EET-124	3	1	4	14	56
EET-226	Electric Power Generation & Distribution	P: EET-217	2	2	4	14	56
EET-228	Monitoring Systems & Networking	P: EET-120	2	2	4	14	56
COMM-170/171	College Communications 2	P: COMM-160/161	0	3	3	14	42
AMEG-212 ♦	Applied Ethics in Technology and the Environment		0	2	2	14	28
						Total	378
						Total Program Hours:	742

Notes:

C = Co-Requisite; P = Pre-Requisite

Minimum Program GPA of 2.00 is required for graduation

♦ This course may be offered in one of the following modalities: Online, Hybrid, or Blended

Signature:			April 12, 2022	
	AMAT Chair		Revised Date	